



Appendix B

AGENCY RESPONSE LETTERS

Appendix B

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**United States
Department of
Agriculture**

Natural
Resources
Conservation
Service

3003 N. Central Ave.
Suite 800
Phoenix, AZ
85012-2945

September 29, 1997

Mr. Christopher M. Hugunin
Planner
Coffman Associates, Airport Consultants
237 NW Blue Parkway, Suite 100
Lee's Summit, Missouri 64063

Dear Mr. Hugunin:

This is in response to your letter dated August 11, 1997, regarding the request for agency input concerning environmental resources for the proposed airfield improvements at the Eloy Municipal Airport in the City of Eloy, Arizona.

The *Natural Resources Conservation Service* (NRCS), as you are aware, has general responsibility and leadership nationwide for implementing the Farmland Protection Policy Act (FPPA) and to review state and federal agency projects that may affect prime farmland, make prime and unique farmland determinations, and assess impacts to wetlands associated with agricultural activities.

After staff review, we do not see any immediate impacts that would directly affect prime farmland or wetland areas associated with agricultural activities. However, there are less than 10 acres of prime farmland in the southwest location of the proposed airfield improvements. Since this size is determined to have a minimal impact on the total prime farmland acreage in the area, it will be considered exempt from requirements of the FPPA. The FPPA, as revised in 1994, excludes land which is already in or is committed to urban development, currently used as water storage, or land that is not prime or unique farmland. Should activities or scope of proposed work change, another review would be necessary. Because there are acres of prime farmland associated with Alternative B, our recommendation that Alternative A, expansion to the Northeast, be the preferred alternative for the airfield improvement.

Should your office or representatives of the Federal Aviation Administration require more specific on-site information or technical assistance on dust, erosion, and sediment control, seeding recommendations, specific soils and their suitability's, and stormwater management, please feel free to contact our Community Assistance Coordinator, Jeff Schmidt in Phoenix at 602-280-8818 who will direct you to the appropriate technical staff person.

Thank you for bringing this project to our attention.

Sincerely,


MICHAEL SOMERVILLE
State Conservationist

cc:

Karen Charlesworth, District Conservationist, NRCS, Casa Grande, AZ
Jim Briggs, Assistant State Conservationist-Technology, NRCS, Phoenix, AZ
Steve Barker, State Range Conservationist, NRCS, Phoenix, AZ
Dave Seery, State Wildlife Biologist, NRCS, Phoenix, AZ
Jeff Schmidt, Community Assistance Coordinator, NRCS, Phoenix, AZ
Robert Wilson, Resource Soil Scientist, NRCS, Phoenix, AZ
Gary Navarre, Cultural Resources Specialist, NRCS, Phoenix, AZ

B-1



DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
ARIZONA-NEVADA AREA OFFICE
3636 NORTH CENTRAL AVENUE, SUITE 760
PHOENIX, ARIZONA 85012-1936

REPLY TO
ATTENTION OF:

September 4, 1997

Office of the Chief
Regulatory Branch

Coffman Associates
ATTN: Mr. Christopher M. Hugunin
237 NW Blue Parkway, Suite 100
Lees Summit, Missouri 64063

File Number: 974-0569-MB

Dear Mr. Hugunin:

This is in reference to your letter dated August 11, 1997 regarding the City of Eloy's proposal to expand the runway including drainage improvements in the unnamed washes at Eloy Municipal Airport, three miles NW of Eloy (Sections 13, 14, 23, and 24, T7S, R7E), Eloy, Pinal County, Arizona.

This activity may require a Department of the Army permit issued under Section 404 of the Clean Water Act. A Section 404 permit is required for the discharge of dredged or fill material into the "waters of the United States," including adjacent wetlands. Examples of activities requiring a permit are placing bank protection, temporary or permanent stock-piling of excavated material, grading roads, grading (including vegetative clearing operations) that involves the filling of low areas or leveling the land, constructing weirs or diversion dikes, constructing approach fills, and discharging dredged or fill material as part of any other activity.

Enclosed you will find a permit application form and a pamphlet that describes our regulatory program. If you have questions, please contact me at (520) 670-5021. Please refer to file number 974-0569-MB in your reply.

Sincerely,

A handwritten signature in cursive script, reading "Marjorie E. Blaine".

Marjorie E. Blaine
Senior Project Manager
Arizona Section, Regulatory Branch

Enclosure(s)



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
ARIZONA-NEVADA AREA OFFICE
3636 NORTH CENTRAL AVENUE, SUITE 760
PHOENIX, ARIZONA 85012-1936

December 5, 1997

Office of the Chief
Regulatory Branch

Coffman Associates
ATTN: Mr. Christopher M. Hugunin
237 NW Blue Parkway, Suite 100
Lees Summit, Missouri 64063

File Number: 974-0569-MB

Dear Mr. Hugunin:

Reference is made to your letter of September 29, 1997 in which you inquired as to whether or not a Section 404 permit is required from the U.S. Army Corps of Engineers to expand the runway including drainage improvements at Eloy Municipal Airport, three miles NW of Eloy (Sections 13, 14, 23, and 24, T7S, R7E), Eloy, Pinal County, Arizona.

Based on the information furnished in your letter (referenced above), we have determined that the proposed project is not subject to our jurisdiction under Section 404 of the Clean Water Act. Since there are no waters of the United States within the aforementioned proposed project area, no Section 404 permit is required from our office.

The receipt of your letter is appreciated. If you have questions, please contact me at (520) 670-5021.

Sincerely,

A handwritten signature in cursive script, reading "Marjorie E. Blaine".

Marjorie E. Blaine
Senior Project Manager
Arizona Section, Regulatory Branch



United States Department of the Interior

Fish and Wildlife Service
Arizona Ecological Services Field Office
2321 W. Royal Palm Road, Suite 103
Phoenix, Arizona 85021-4951
(602) 640-2720 Fax (602) 640-2730



In Reply Refer To:

AESO/SE
2-21-97-I-372
CCN 970718

September 2, 1997

Mr. Christopher M. Hugunin
Coffman Associates
237 N.W. Blue Parkway, Suite 100
Lee's Summit, Missouri 64063

RE: EA for Proposed Improvements - Eloy Municipal Airport, Eloy, Arizona

Dear Mr. Hugunin:

This letter responds to your August 11, 1997, request for an inventory of threatened or endangered species, or those that are proposed to be listed as such under the Endangered Species Act of 1973, as amended (Act), which may potentially occur in your project area (Pinal County). The attached list may include candidate species as well. In the past, the U.S. Fish and Wildlife Service has provided project-specific species lists and information. However, staff reductions no longer permit us to provide this detailed level of assistance. We regret any inconvenience this may cause you and hope the enclosed county list of species will be helpful. In future communications regarding this project, please refer to consultation number 2-21-97-I-372.

The enclosed list of the endangered, threatened, proposed, and candidate species includes all those potentially occurring anywhere in the county, or counties, where your project occurs. Please note that your project area may not necessarily include all or any of these species. The information provided includes general descriptions, habitat requirements, and other information for each species on the list. Also on the enclosed list is the Code of Federal Regulations (CFR) citation for each listed or proposed species. Additional information can be found in the CFR and is available at most public libraries. This information should assist you in determining which species may or may not occur within your project area. Site-specific surveys could also be helpful and may be needed to verify the presence or absence of a species or its habitat as required for the evaluation of proposed project-related impacts.

Endangered and threatened species are protected by Federal law and must be considered prior to project development. If the action agency determines that listed species or critical habitat may be adversely affected by a federally funded, permitted, or authorized activity, the action agency must request formal consultation with the Service. If the action agency determines that the planned action may jeopardize a proposed species or destroy or adversely modify proposed critical habitat, the action agency must enter into a section 7 conference with the Service.

Candidate species are those which are being considered for addition to the list of threatened or endangered species. Candidate species are those for which there is sufficient information to support a proposal for listing. Although candidate species have no legal protection under the Act, we recommend that they be considered in the planning process in the event that they become listed or proposed for listing prior to project completion.

If any proposed action occurs in or near areas with trees and shrubs growing along watercourses, known as riparian habitat, the Service recommends the protection of these areas. Riparian areas are critical to biological community diversity and provide linear corridors important to migratory species. In addition, if the project will result in the deposition of dredged or fill materials into waterways or excavation in waterways, we recommend you contact the Army Corps of Engineers which regulates these activities under Section 404 of the Clean Water Act.

The State of Arizona protects some plant and animal species not protected by Federal law. We recommend you contact the Arizona Game and Fish Department and the Arizona Department of Agriculture for State-listed or sensitive species in your project area.

The Service appreciates your efforts to identify and avoid impacts to listed and sensitive species in your project area. If we may be of further assistance, please contact Tom Gatz.

Sincerely,



Sam F. Spiller
Field Supervisor

Enclosure

cc: Director, Arizona Game and Fish Department, Phoenix, AZ

8/6/97

LISTED TOTAL= 14

NAME: ARIZONA HEDGEHOG CACTUS

ECHINOCEUREUS TRIGLOCHIDIATUS ARIZONICUS

STATUS: ENDANGERED CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 44 FR 61556, 10-15-1979

DESCRIPTION: DARK GREEN CYLINDROID 2.5-12 INCHES TALL, 2-10 INCHES IN
DIAMETER, SINGLE OR IN CLUSTERS. 1-3 GRAY OR PINKISH CENTRAL
SPINES LARGEST DEFLEXED AND 5-11 SHORTER RADIAL SPINES.
FLOWER: BRILLIANT RED, SIDE OF STEM IN APRIL- MAYELEVATION
RANGE: 3700-5200 FT.

COUNTIES: MARICOPA, GILA, PINAL

HABITAT: ECOTONE BETWEEN INTERIOR CHAPPARAL AND MADREAN EVERGREEN WOODLAND

OPEN SLOPES, IN NARROW CRACKS BETWEEN BOULDERS, AND IN UNDERSTORY OF SHRUBS. THIS VARIETY IS
BELIEVED TO INTERGRADE AT THE EDGES OF ITS DISTRIBUTION WITH VARIETIES *MELANCANTHUS* AND
NEOMEXICANUS CAUSING SOME CONFUSION IN IDENTIFICATION.

NAME: NICHOL'S TURK'S HEAD CACTUS

ECHINOCACTUS HORIZONTHALONIUS VAR NICHOLII

STATUS: ENDANGERED CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 44 FR 61927, 10-26-1979

DESCRIPTION: BLUE-GREEN TO YELLOWISH-GREEN, COLUMNAR, 18 INCHES TALL, 8
INCHES IN DIAMETER. SPINE CLUSTERS HAVE 5 RADIAL & 3 CENTRAL
SPINES; ONE DOWNWARD SHORT; 2 SPINES UPWARD AND RED OR
BASALLY GRAY. FLOWER: PINK FRUIT: WOOLLY WHITEELEVATION
RANGE: 2400-4100 FT.

COUNTIES: PINAL, PIMA, YUMA

HABITAT: SONORAN DESERTSCRUB

FOUND IN UNSHADED MICROSITES IN SONORAN DESERTSCRUB ON DISSECTED ALLUVIAL FANS AT THE FOOT OF
LIMESTONE MOUNTAINS AND ON INCLINED TERRACES AND SADDLES ON LIMESTONE MOUNTAINSIDES.

NAME: LESSER LONG-NOSED BAT

LEPTONYCTERIS CURASOAE YERBABUENAE

STATUS: ENDANGERED CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 53 FR 38456, 09-30-88

DESCRIPTION: ELONGATED MUZZLE, SMALL LEAF NOSE, AND LONG TONGUE.
YELLOWISH BROWN OR GRAY ABOVE AND CINNAMON BROWN BELOW.
TAIL MINUTE AND APPEARS TO BE LACKING. EASILY DISTURBED.ELEVATION
RANGE: <6000 FT.

COUNTIES: COCHISE, PIMA, SANTA CRUZ, GRAHAM, PINAL, MARICOPA

HABITAT: DESERT SCRUB HABITAT WITH AGAVE AND COLUMNAR CACTI PRESENT AS FOOD PLANTS

DAY ROOSTS IN CAVES AND ABANDONED TUNNELS. FORAGES AT NIGHT ON NECTAR, POLLEN, AND FRUIT OF
PANICULATE AGAVES AND COLUMNAR CACTI. THIS SPECIES IS MIGRATORY AND IS PRESENT IN ARIZONA,
USUALLY FROM APRIL TO SEPTEMBER AND SOUTH OF THE BORDER THE REMAINDER OF THE YEAR.

8/6/97

NAME: DESERT PUPFISH

CYPRINODON MACULARIUS

STATUS: ENDANGERED CRITICAL HABITAT: Yes RECOVERY PLAN: Yes CFR: 51 FR 10842, 03-31-1986

DESCRIPTION: SMALL (2 INCHES) SMOOTHLY ROUNDED BODY SHAPE WITH NARROW VERTICAL BARS ON THE SIDES. BREEDING MALES BLUE ON HEAD AND SIDES WITH YELLOW ON TAIL. FEMALES & JUVENILES TAN TO OLIVE COLORED BACK AND SILVERY SIDES.

ELEVATION
RANGE: <5000 FT.

COUNTIES: LA PAZ, PIMA, GRAHAM, MARICOPA, PINAL, YAVAPAI, SANTA CRUZ

HABITAT: SHALLOW SPRINGS, SMALL STREAMS, AND MARSHES. TOLERATES SALINE & WARM WATER

CRITICAL HABITAT INCLUDES QUITOBAQUITO SPRING, PIMA COUNTY, PORTIONS OF SAN FELIPE CREEK, CARRIZO WASH, AND FISH CREEK WASH, IMPERIAL COUNTY, CALIFORNIA. TWO SUBSPECIES ARE RECOGNIZED: DESERT PUPFISH (*C. m. macularis*) AND QUITOBAQUITO PUPFISH (*C. m. eremus*).

NAME: GILA TOPMINNOW

POECILIOPSIS OCCIDENTALIS OCCIDENTALIS

STATUS: ENDANGERED CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 32 FR 4001, 03-11-1967

DESCRIPTION: SMALL (2 INCHES), GUPPY-LIKE, LIVE BEARING, LACKS DARK SPOTS ON ITS FINS. BREEDING MALES ARE JET BLACK WITH YELLOW FINS.

ELEVATION
RANGE: <4500 FT.

COUNTIES: GILA, PINAL, GRAHAM, YAVAPAI, SANTA CRUZ, PIMA, MARICOPA, LA PAZ

HABITAT: SMALL STREAMS, SPRINGS, AND CIENEGAS VEGETATED SHALLOWS

NAME: LOACH MINNOW

TIAROGA COBITIS

STATUS: THREATENED CRITICAL HABITAT: Yes RECOVERY PLAN: Yes CFR: 51 FR 39468, 10-28-1986;

DESCRIPTION: SMALL (<3 INCHES LONG) SLENDER, ELONGATED FISH, OLIVE COLORED WITH DIRTY WHITE SPOTS AT THE BASE OF THE DORSAL AND CAUDAL FINS. BREEDING MALES VIVID RED ON MOUTH AND BASE OF FINS

ELEVATION
RANGE: <7000 FT.

COUNTIES: PINAL, GRAHAM, GREENLEE, GILA, APACHE, NAVAJO, (AZ); GRANT, CATRON, (NM)

HABITAT: BENTHIC SPECIES OF SMALL TO LARGE PERENNIAL STREAMS WITH SWIFT SHALLOW WATER OVER COBBLE & GRAVEL

CRITICAL HABITAT IS IN ARAVAIPA CREEK, BLUE RIVER, CAMPBELL BLUE CREEK, SAN FRANCISCO RIVER, DRY BLUE CREEK, TULAROSA RIVER, EAST WEST AND MIDDLE FORKS OF THE GILA RIVER, AND THE MAINSTEM UPPER GILA RIVER. PRESENTLY FOUND IN ALL CRITICAL HABITAT PLUS WHITE RIVER AND EAGLE CREEKS. CRITICAL HABITAT IS ONLY PROPOSED DUE TO A 1996 10TH CIRCUIT COURT DECISION SETTING ASIDE THE FINAL CRITICAL HABITAT PENDING COMPLIANCE WITH THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA).

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

PINAL

8/6/97

NAME: RAZORBACK SUCKER

XYRAUCHEN TEXANUS

STATUS: ENDANGERED

CRITICAL HABITAT: Yes RECOVERY PLAN: No

CFR: 55 FR 21154, 05-22-1990;

DESCRIPTION: LARGE (UP TO 3 FEET AND UP TO 16 POUNDS) LONG, HIGH SHARP-

59 FR 13374, 03-21-1994

EDGED KEEL-LIKE HUMP BEHIND THE HEAD. HEAD FLATTENED ON TOP.

OLIVE-BROWN ABOVE TO YELLOWISH BELOW.

ELEVATION

RANGE: <6000 FT.

COUNTIES: GREENLEE, MOHAVE, PINAL, YAVAPAI, YUMA, LA PAZ, MARICOPA (REFUGIA), GILA, COCONINO, GRAHAM

HABITAT: RIVERINE & LACUSTRINE AREAS, GENERALLY NOT IN FAST MOVING WATER AND MAY USE BACKWATERS

SPECIES IS ALSO FOUND IN HORSESHOE RESERVOIR (MARICOPA COUNTY).

NAME: SPIKEDACE

MEDA FULGIDA

STATUS: THREATENED

CRITICAL HABITAT: Yes RECOVERY PLAN: Yes

CFR: 51 FR 23769, 07-01-1986;

DESCRIPTION: SMALL (<3 INCHES) SLIM WITH SILVERY SIDES & "SPINE" ON DORSAL

59 FR 10906, 03-08-1994

FIN. BREEDING MALES BRASSY GOLDEN COLOR

ELEVATION

RANGE: <6000 FT.

COUNTIES: GRAHAM, PINAL, GREENLEE, YAVAPAI, (AZ); GRANT, (NM)

HABITAT: MODERATE TO LARGE PERENNIAL STREAMS WITH GRAVEL COBBLE SUBSTRATES AND MODERATE TO SWIFT VELOCITIES

CRITICAL HABITAT IN ARAVAIPA CREEK, UPPER VERDE RIVER, AND PORTIONS OF GILA RIVER IN NEW MEXICO. PRESENTLY FOUND IN ARAVAIPA CREEK, EAGLE CREEK, VERDE RIVER ABOVE VERDE VALLEY, EAST-WEST- MAIN AND MIDDLE FORKS OF THE GILA RIVER IN NEW MEXICO, AND GILA RIVER FROM SAN PEDRO RIVER TO ASHURST HAYDEN DAM. CRITICAL HABITAT IS ONLY PROPOSED DUE TO A 1996 10TH CIRCUIT COURT DECISION SETTING ASIDE THE FINAL CRITICAL HABITAT PENDING COMPLIANCE WITH THE NATIONAL ENVIRONMENTAL POLICY ACT

NAME: AMERICAN PEREGRINE FALCON

FALCO PEREGRINUS ANATUM

STATUS: ENDANGERED

CRITICAL HABITAT: No

RECOVERY PLAN: Yes

CFR: 35 FR 16047, 10-13-70; 35

DESCRIPTION: A RECLUSIVE, CROW-SIZED FALCON SLATY BLUE ABOVE WHITISH

FR 8495, 06-02-70

BELOW WITH FINE DARK BARRING. THE HEAD IS BLACK AND APPEARS

TO BE MASKED OR HELMETED. WINGS LONG AND POINTED. LOUD

ELEVATION

WAILING CALLS ARE GIVEN DURING BREEDING PERIOD.

RANGE: 3500-9000 FT.

COUNTIES: MOHAVE COCONINO NAVAJO APACHE SANTA CRUZ MARICOPA COCHISE YAVAPAI GILA PINAL PIMA GREENLEE GRAHAM

HABITAT: CLIFFS AND STEEP TERRAIN USUALLY NEAR WATER OR WOODLANDS WITH ABUNDANT PREY

THIS IS A WIDE-RANGING MIGRATORY BIRD THAT USES A VARIETY OF HABITATS. BREEDING BIRDS ARE YEAR-ROUND RESIDENTS. OTHER BIRDS WINTER AND MIGRATE THROUGH ARIZONA. SPECIES IS ENDANGERED FROM REPRODUCTIVE FAILURE FROM PESTICIDES.

8/6/97

NAME: BALD EAGLE

HALIAEETUS LEUCOCEPHALUS

STATUS: THREATENED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 60 FR 35999, 07-12-95

DESCRIPTION: LARGE, ADULTS HAVE WHITE HEAD AND TAIL. HEIGHT 28 - 38",
WINGSPAN 66 - 96". 1-4 YRS DARK WITH VARYING DEGREES OF
MOTTLED BROWN PLUMAGE. FEET BARE OF FEATHERS.

ELEVATION

RANGE: VARIES FT.

COUNTIES: YUMA, LA PAZ, MOHAVE, YAVAPAI, MARICOPA, PINAL, COCONINO, NAVAJO, APACHE, SANTA CRUZ, PIMA,
GILA, GRAHAM

HABITAT: LARGE TREES OR CLIFFS NEAR WATER (RESERVOIRS, RIVERS AND STREAMS) WITH ABUNDANT PREY

SOME BIRDS ARE NESTING RESIDENTS WHILE A LARGER NUMBER WINTERS ALONG RIVERS AND RESERVOIRS.
AN ESTIMATED 200 TO 300 BIRDS WINTER IN ARIZONA. ONCE ENDANGERED (32 FR 4001, 03-11-1967; 43 FR 6233, 02-
14-78) BECAUSE OF REPRODUCTIVE FAILURES FROM PESTICIDE POISONING AND LOSS OF HABITAT, THIS
SPECIES WAS DOWN LISTED TO THREATENED ON AUGUST 11, 1995. ILLEGAL SHOOTING, DISTURBANCE, LOSS OF
HABITAT CONTINUES TO BE A PROBLEM.

NAME: CACTUS FERRUGINOUS PYGMY-OWL

GLAUCIDIUM BRASILIANUM CACTORUM

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 62 FR 10730, 3-10-97

DESCRIPTION: SMALL (APPROX. 7"), DIURNAL OWL REDDISH BROWN OVERALL WITH
CREAM-COLORED BELLY STREAKED WITH REDDISH BROWN. SOME
INDIVIDUALS ARE GRAYISH BROWN

ELEVATION

RANGE: <4000 FT.

COUNTIES: MARICOPA, YUMA, SANTA CRUZ, GRAHAM, GREENLEE, PIMA, PINAL, GILA, YAVAPAI

HABITAT: MATURE COTTONWOOD/WILLOW, MESQUITE BOSQUES, AND SONORAN DESERTSCRUB

RANGE LIMIT IN ARIZONA IS FROM NEW RIVER (NORTH) TO GILA BOX (EAST) TO CABEZA PRIETA MOUNTAINS
(WEST). ONLY A FEW DOCUMENTED SITES WHERE THIS SPECIES PERSISTS ARE KNOWN, ADDITIONAL SURVEYS
ARE NEEDED. LISTING EFFECTIVE APRIL 9, 1997.

NAME: MEXICAN SPOTTED OWL

STRIX OCCIDENTALIS LUCIDA

STATUS: THREATENED

CRITICAL HABITAT: Yes RECOVERY PLAN: Yes CFR: 56 FR 14678, 04-11-91

DESCRIPTION: MEDIUM SIZED WITH DARK EYES AND NO EAR TUFTS. BROWNISH AND
HEAVILY SPOTTED WITH WHITE OR BEIGE.

ELEVATION

RANGE: 4100-9000 FT.

COUNTIES: MOHAVE, COCONINO, NAVAJO, APACHE, YAVAPAI, GRAHAM, GREENLEE, COCHISE, SANTA CRUZ, PIMA,
PINAL, GILA, MARICOPA

HABITAT: NESTS IN CANYONS AND DENSE FORESTS WITH MULTI-LAYERED FOLIAGE STRUCTURE

GENERALLY NESTS IN OLDER FORESTS OF MIXED CONIFER OR PONDEROSA PINE/GAMBEL OAK TYPE, IN
CANYONS, AND USE VARIETY OF HABITATS FOR FORAGING. SITES WITH COOL MICROCLIMATES APPEAR TO BE
OF IMPORTANCE OR ARE PREFERRED.

8/7/97

NAME: SOUTHWESTERN WILLOW FLYCATCHER *EMPIDONAX TRAILLII EXTIMUS*

STATUS: ENDANGERED CRITICAL HAB Yes RECOVERY PLAN: No CFR: 60 FR 10694, 02-27-95

DESCRIPTION: SMALL PASSERINE (ABOUT 6") GRAYISH-GREEN BACK AND WINGS,
WHITISH THROAT, LIGHT OLIVE-GRAY BREAST AND PALE YELLOWISH
BELLY. TWO WINGBARS VISIBLE. EYE-RING FAINT OR ABSENT.ELEVATION
RANGE: <8500 FT.COUNTIES: YAVAPAI, GILA, MARICOPA, MOHAVE, COCONINO, NAVAJO, APACHE, PINAL, LA PAZ, GREENLEE, GRAHAM,
YUMA, PIMA, COCHISE, SANTA CRUZ

HABITAT: COTTONWOOD/WILLOW & TAMARISK VEGETATION COMMUNITIES ALONG RIVERS & STREAMS

MIGRATORY RIPARIAN OBLIGATE SPECIES THAT OCCUPIES BREEDING HABITAT FROM LATE APRIL TO SEPTEMBER. DISTRIBUTION WITHIN ITS RANGE IS RESTRICTED TO RIPARIAN CORRIDORS. DIFFICULT TO DISTINGUISH FROM OTHER MEMBERS OF THE EMPIDONAX COMPLEX BY SIGHT ALONE. TRAINING SEMINAR REQUIRED FOR THOSE CONDUCTING FLYCATCHER SURVEYS. CRITICAL HABITAT ON PORTIONS OF THE 100-YEAR FLOODPLAIN ON SAN PEDRO AND VERDE RIVERS; WET BEAVER AND WEST CLEAR CREEKS, INCLUDING TAVASCI MARSH AND ISTER FLAT; THE COLORADO RIVER, THE LITTLE COLORADO RIVER, AND THE WEST, EAST, AND SOUTH FORKS OF THE LITTLE COLORADO RIVER, REFERENCE 60 CFR:62 FR 39129, 7/22/97.

NAME: YUMA CLAPPER RAIL

RALLUS LONGIROSTRIS YUMANENSIS

STATUS: ENDANGERED CRITICAL HAB No RECOVERY PLAN: Yes CFR: 32 FR 4001, 03-11-67; 48

DESCRIPTION: WATER BIRD WITH LONG LEGS AND SHORT TAIL. LONG SLENDER FR 34182, 07-27-83

DECURVED BILL. MOTTLED BROWN ON GRAY ON ITS RUMP. FLANKS
AND UNDERSIDES ARE DARK GRAY WITH NARROW VERTICAL STRIPES
PRODUCING A BARRING EFFECT.ELEVATION
RANGE: <4500 FT.

COUNTIES: YUMA, LA PAZ, MARICOPA, PINAL, MOHAVE

HABITAT: FRESH WATER AND BRACKISH MARSHES

SPECIES IS ASSOCIATED WITH DENSE EMERGENT RIPARIAN VEGETATION. REQUIRES WET SUBSTRATE (MUDFLAT, SANDBAR) WITH DENSE HERBACEOUS OR WOODY VEGETATION FOR NESTING AND FORAGING. CHANNELIZATION AND MARSH DEVELOPMENT ARE PRIMARY SOURCES OF HABITAT LOSS.

8/6/97

CANDIDATE TOTAL= 1

NAME: ACUNA CACTUS

ECHINOMASTUS ERECTOCENTRUS ACUNENSIS

STATUS: CANDIDATE

CRITICAL HABITAT: No RECOVERY PLAN: No CFR:

DESCRIPTION: <12 INCHES HIGH SPINE CLUSTERS BORNE ON TUBERCLES, EACH WITH
A GROOVE ON THE UPPER SURFACE. 2-3 CENTRAL SPINES AND 12
RADIAL SPINES. FLOWERS PINK TO PURPLE

ELEVATION

RANGE: 1300-2000 FT.

COUNTIES: PINAL, PIMA

HABITAT: WELL DRAINED KNOLLS AND GRAVEL RIDGES IN SONORAN DESERT SCRUB

IMMATURE PLANTS DISTINCTLY DIFFERENT FROM MATURE PLANTS. THEY ARE DISC-SHAPED OR SPHERICAL AND
HAVE NO CENTRAL SPINES UNTIL THEY ARE ABOUT 1.5 INCHES . RADIAL SPINES ARE DIRTY WHITE WITH MAROON
TIPS.



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Fife Symington, Governor

Russell F. Rhoades, Director

August 29, 1997

Christopher M. Hugunin, Planner
Coffman and Associates
237 N.W. Blue Parkway, Suite 100
Lee's Summit, MO 64063

RE: Eloy Municipal Airport, EA Comments

Dear Mr Hugunin:

Thank you for allowing ADEQ the opportunity to comment on this project. While the proposed project is not located in any air quality nonattainment area, the project's potential to emit particulate matter during construction, dictates that steps be taken to minimize the amount of particulate matter (dust) generated, including incidental emissions caused by strong winds, as well as tracking of dirt off the construction site by machinery and trucks. Since particulate matter can be transported by both air and water, we recommend that the following preventive and mitigative measures be taken to minimize the possible particulate air pollution problem or sediment in storm water runoff:

I. Site Preparation

- A. Minimize land disturbance;
- B. Use watering trucks to minimize dust;
- C. Cover trucks when hauling dirt;
- D. Stabilize the surface of dirt piles if not removed immediately;
- E. Use windbreaks to prevent any accidental dust pollution;
- F. Limit vehicular paths and stabilize these temporary roads; and
- G. Pave all unpaved construction roads and parking areas to road grade for a length no less than 50 feet where such roads and parking areas exit the construction site to prevent dirt from washing onto paved roadways.

Mr. Christopher Hugunin
August 29, 1997
Page Two

II. Construction Phase

- A. Cover trucks when transferring materials;
- B. Use dust suppressants on traveled paths which are not paved;
- C. Minimize unnecessary vehicular and machinery activities; and
- D. Minimize dirt track-out by washing or cleaning trucks before leaving the construction site.

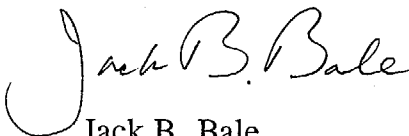
III. Completion Phase

- A. Revegetate any disturbed land not used;
- B. Remove unused material;
- C. Remove dirt piles; and
- D. Revegetate all vehicular paths created during construction to avoid future off-road vehicular activities.

Applicable state rules are contained in A.A.C. R18-2-604, R18-2-605, R18-2-606, and R18-2-607. Please be aware that portable sources of air pollution such as rock, sand, gravel, and asphaltic concrete plants are required to receive permits from ADEQ to operate in the State.

Thank you for the opportunity to comment. Should you have any further questions, please contact me at (602) 207-2254.

Sincerely,



Jack B. Bale
Local Government Ombudsman

cc: Andra Juniel, OAC
Linda Anestasi, WQD
Reading File

J:\DOVCAS\BBD\DOCS\EIS\PROS\ELO\YAIR.EA



FIFE SYMINGTON
GOVERNOR

N. ERIC BORG
DIRECTOR

OFFICE OF THE STATE FIRE MARSHAL

99 EAST VIRGINIA, SUITE 100
PHOENIX, ARIZONA 85004
(602) 255-4964
(602) 255-4961 FAX



DUANE PELL
FIRE MARSHAL

September 16, 97

Coffman Associates Airport Consultants
Mr. Christopher M. Hugunin
237 N.W. Blue Parkway Suite 100
Lee's Summit, Mo. 64063

Subject: Aboveground Tanks at Eloy Airport:

Dear Mr. Christopher Hugunin;

I am enclosing all the information from our files on tank removals and authorized Aboveground tanks.

As you can see Mr. Hill has tanks that don't meet the current code for aboveground tanks. Our office still has to conduct a reinspection to see if the tanks have been corrected to meet code.

There are also other companies on site at Eloy Airport with AGST's tanks that we show no permit issued to install or any inspection of the tanks.

If you have any questions, call 602)255-4964 ext 216.

Sincerely,

Oliver A. Williams
State Deputy Fire Marshal I

THE STATE



OF ARIZONA

GAME & FISH DEPARTMENT

222J West Greenway Road, Phoenix, Arizona 85023-4399 (602) 942-3000

Governor
Fife Symington*Commissioners:*
Chairman, Norie Johnson, Snowflake
Michael M. Golligly, Flagstaff
Herb Guenther, Tona
Fred Belman, Tucson
M. Jean Huxell, Scottsdale*Director*
Duane L. Shroufe*Deputy Director*
Thomas W. Spalding

Mesa Office, 7200 E. University, Mesa, Arizona 85207 (602) 981-9400

September 15, 1997

Mr. Christopher M. Hugunin
Environmental Planner
Coffman Associates
237 N.W. Blue Parkway, Suite 100
Lee's Summit, MO 64063

Re: Sensitive Species Request for Eloy Municipal Airport

Dear Mr. Hugunin:

The Department's Heritage Data Management System has been accessed and current records show that no special status species have been documented as occurring in the project vicinity.

Sincerely,

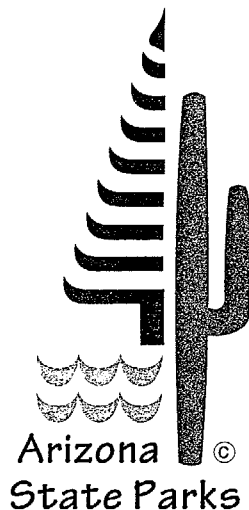
A handwritten signature in black ink, appearing to read "Tim Wade".

Timothy Wade
Habitat Evaluation Specialist

TPW:tw

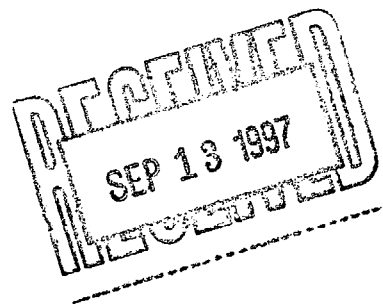
cc: Kelly Neal, Regional Supervisor, Region VI
Russell Haughey, Habitat Program Manager, Region VI
David L. Walker, Project Evaluation Program Supervisor, Mr.
Habitat Branch
Bray Addison, Wildlife Manager, Casa Grande District

AGFD# 08-15-97(05)



September 11, 1997

Christopher M. Hugunin
Planner
Coffman Associates, Airport Consultants
11022 N. 28th Drive, Suite 240
Phoenix, Arizona 85029



RE: Eloy; Environmental Assessment for Proposed Eloy Airport Expansion; City
of Eloy and FAA

Dear Mr. Hugunin,

Jane Dee Hull
Governor

Thank you for consulting our office regarding the preparation of an Environmental Assessment (EA) for this proposed undertaking. I have reviewed the information submitted and have the following comments.

**STATE PARKS
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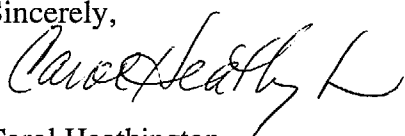
1. In 1991, this office first reviewed a proposal for airport expansion, including an archaeological survey report. That report indicated that a single archaeological site, AZ AA:2:108 (ASM), had been recorded at the north end of the existing runway. Robert E. Gasser, then with this office, determined that the site in question should be considered eligible for inclusion on the National Register of Historic Places. On that basis, he recommended that archaeological excavations would be necessary if this area was to be impacted by project ground-disturbing activities. Our files indicate that the project was dropped in June of 1991.

2. The maps you provided indicate that construction is again planned in the area of this site. Will FAA act as lead agency for purposes of consultation pursuant to Section 106 of the National Historic Preservation Act?

3. Our records do not indicate that the other areas to be impacted by proposed construction activities have been surveyed. Some of those areas may have been disturbed to such an extent by previous activity in the airport area that an archaeological survey would be unproductive; however, this cannot be evaluated on the basis of the information provided.

Your continued cooperation with this office in considering the impacts of this project on historic preservation is greatly appreciated. If you have any questions, please contact me at (602)542-7137 or 542-4009.

Sincerely,


Carol Heathington
Compliance Specialist
State Historic Preservation Office

1300 West Washington
Phoenix, Arizona 85007

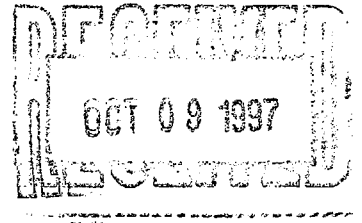
Tel & TTY: 602-542-4174
1-800-285-3703
from (520) area code
<http://www.pr.state.az.us>

General Fax:
602-542-4180

Director's Office Fax:
602-542-4188

October 8, 1997

Christopher M. Hugunin, Planner
Coffman Associates, Airport Consultants
11022 N. 28th Drive, Suite 240
Phoenix, Arizona 85029



RE: Eloy; Environmental Assessment for Proposed Eloy Airport Expansion; City
of Eloy and FAA

Dear Mr. Hugunin,

Thank you for consulting this office regarding the preparation of an Environmental Assessment (EA) for this proposed undertaking, and for answering the questions posed in my previous letter. I understand that FAA will be lead agency for this undertaking pursuant to the National Historic Preservation Act and 36 CFR Part 800.

As we discussed, the presence of an archaeological site at the north end of the runway indicates a greater than usual potential for such sites to be located in other, unsurveyed portions of the project area. Therefore, we recommend that any areas that may be impacted by ground-disturbing activities should be surveyed by a qualified archaeologist. Attached is a list of consultants who could do the work. Once the survey report is completed, a copy should be submitted to FAA and to this office for review and comment.

Your continued cooperation with this office in considering the impacts of this project on historic preservation is greatly appreciated. If you have any questions, please contact me at (602)542-7137 or 542-4009.

Sincerely,

Carol Heathington
Compliance Specialist
State Historic Preservation Office


Arizona State Parks

Jane Dee Hull
Governor

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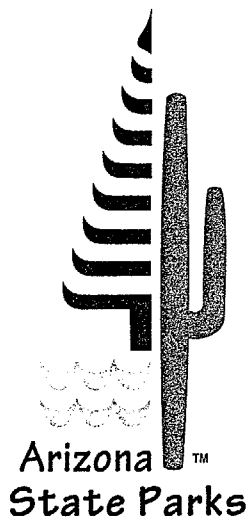
1300 West Washington
Phoenix, Arizona 85007

tel & TTY: 602-542-4174
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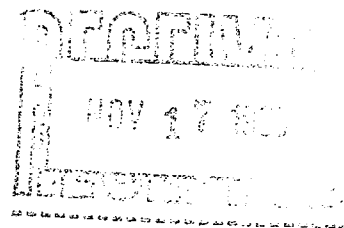
General Fax:
602-542-4180

Director's Office Fax:
602-542-4188

"Managing and conserving natural, cultural, and recreational resources"
November 16, 1998



Kathryn W. May, AICP
Coffman Associates, Airport Consultants
11022 N. 28th Drive, Suite 240
Phoenix, Arizona 85029



RE: Eloy; Archaeological Survey Report and Master Plan for Proposed Eloy
Airport Expansion; City of Eloy and FAA

Dear Ms. May,

Thank you for providing this office with a copy of the archaeological survey report. I have reviewed it and the information in your cover letter regarding the alternatives under consideration, and offer the following comments.

No properties eligible for inclusion on the National Register of Historic Places were located in either of the parcels near the south end of the runway. Survey results indicate that the previously recorded (and determined eligible) property at the north end of the runway extends into the proposed expansion area there; however, the archaeologist's report also indicates that the ground surface in this area was disturbed to a considerable extent. On that basis, the archaeologist recommends that archaeological testing of this parcel would be necessary in order to determine whether or not intact subsurface archaeological deposits in this area would be disturbed by the proposed expansion. We agree with that assessment.

Your letter indicates that one of the alternatives under consideration calls for runway expansion to take place exclusively at the south end. This alternative would avoid impacts to the archaeological site, AZ AA:2:108 (ASM). If possible, we recommend that this alternative be selected and included in the Master Plan. If not, then additional archaeological investigation is warranted, once expansion plans are finalized.

Your continued cooperation with this office in considering the impacts of this project on historic preservation is greatly appreciated. If you have any questions, please call me at (602) 542-7137 or 542-4009.

Sincerely,

Carol Heathington
Compliance Specialist
State Historic Preservation Office

Jane Dee Hull
Governor

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J. Dennis Wells
State Land
Commissioner

Kenneth E. Travous
Executive Director

Rafael Payan
Assistant Director

1300 West Washington
Phoenix, Arizona 85007

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General Fax:
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Director's Office Fax:
602-542-4188



Pinal County Air Quality Control District

P. O. Box 987
Florence, Arizona 85232

(520) 868-6760 Fax: (520) 868-6754

September 30, 1997

Writer's Direct # - 520-868-6768

Christopher M. Hugunin
Coffman Associates
237 Northwest Blue Parkway, Suite 100
Lee's Summit, Missouri 64063

Re: Comment; Environmental Assessment for Proposed Improvements - Eloy Municipal
Airport, Eloy, Arizona

To whom it may concern:

This constitutes a response to your letter of August 11, 1997, seeking comments regarding air quality compliance questions that might be raised by the improvements outlined in your letter.

This agency constitutes an administrative branch of Pinal County government. With certain exceptions that do not pertain to a facility such as this, we hold legal authority to regulate stationary sources of air emissions.

I believe that we hold relevant regulatory jurisdiction with regard to the actual improvements outlined in your letter, and conclude that none of those improvements would directly trigger any regulatory concern on our behalf.

These improvements might ultimately encourage further development that would fall subject to regulation, but the proposed project would not trigger such hypothetical concerns at this time.

Of course, the Federal government directly regulates aircraft emissions, and I defer to the Environmental Protection Agency with regard to such emissions.

If I might provide anything further, please call me at the number shown above.

Sincerely yours,

Donald P. Gabrielson

cc: L. Ruiz
S. Griffis
R. Robb



Pinal County Department of Solid Waste

P.O. Box 1747, Florence, AZ 85232

Recorded Information:
(520) 868-6683

Fax: (520) 868-6512/T.D.D.: (520) 868-6379

August 15, 1997

Christopher M. Hugunin
Coffman Associates
237 N.W. Blue Parkway, Suite 100
Lee's Summit, MO 64063

Dear Mr. Hugunin

The only active landfills I am aware of with in the vicinity of the airport is the Eloy landfill and the Picacho Transfer Station.

The Picacho transfer station is located on Shay Road just east of Picacho Highway (see enclosed map).

However I suggest you contact Mr. Norm Gumenik, Environmental Program Manager of the Solid Waste Section of the Arizona Department of Environmental Quality, at 602-207-4122 to obtain a list of the landfills in Pinal County. My department does not have jurisdiction of siting landfills in the County. This is the responsibility of the State and there may be landfills or transfer stations I am not aware of.

Sincerely,

Ed Pallone, Director

B-20

